

I claim

1. A device for transporting film, preferably intermittently, in particular unperforated motion picture film, being driven by at least one power source, preferably an electric motor, wherein said device (1) has means for mechanically engaging said film (5) by entering said film (5), so that said film (5) may be transported without slippage.
2. A device as in claim 1 wherein at least one element (2) is mechanically inserted into said film (5) so that said film (5) may be transported by said at least one element (2) from a start position to a stop position without slippage, before said film (5) is exposed to light.
3. A device as in claims 1-2 wherein said at least one element (2) is a point (2).
4. A device as in claims 1-3 wherein said at least one point (2) is a point of a needle (2).
5. A device as in claims 1-4 wherein said at least one needle (2) is mounted on at least one unit (12).
6. A device as in claims 1-5 wherein said unit (12) allows said at least one needle (2) to disengage said film (5), if said film (5) jams.
7. A device as in claims 1-6 wherein said unit (12) swivels if said film (5) jams.
8. A device as in claims 1-7 wherein at least one element (7) acts against said film (5) to hold it steady during exposure of said film (5) to light.
9. A device as in claims 1-8 wherein said at least one element (7) is a pressure plate (7).
10. A device as in claims 1-8 wherein said at least one element (7) is a movable element (7), moving while film (5) is being transported.
11. A device as in claims 1-10 wherein at least one mark is exposed on said film (5) to assist in picture registration, preferably for telecine.
12. A device as in claims 1-11 wherein said electric motor (8) driving said device (1) automatically turns off if said film (5) jams.
13. A device as in claims 1-12 wherein movement of said device (1) is controlled by at least one eccentric (3).
14. A device as in claims 1-13 wherein length of loops of said film (5) before and after aperture (6)

are controlled by at least one roller (31), said at least one roller (31) being held against at least one surface of said film (5).

15. A device as in claims 1-14 wherein said at least one roller (31) transports said film (5) for controlling said length of said film loops of said film (5) by friction.

16. A device as in claims 1-14 wherein said at least one roller (31) transports said film (5) for controlling said length of said loops of said film (5) by penetrating into said film (5).

17. A device as in claims 1-16 wherein said length of said loops of said film (5) before and after said aperture (6) is monitored by infrared light monitoring the speed of at least one electric motor driving said at least one roller (31) when said device (1) is transporting said film (5), to keep said length of said loops of said film (5) before and after said aperture (6) correct.